

11-9-81

WATER TREATMENT

pioneer in the science of corrosion control
DEARBORN CHEMICAL (U.S.)
 CHEMED CORPORATION
 300 GENESEE STREET, LAKE ZURICH, ILLINOIS 60047

**CONSULTING
SERVICE
REPORT**

COMPANY: Longview Fibre CoDATE: 11-9-81ADDRESS: Seattle, WaATTN: MR. Norm BuchholzCOPY TO: GARY Smith, John Chriteuse
VICE PRES

RESULTS OF TESTS CONDUCTED

TEST DESCRIPTION	P	M	OH	SO ₃	TDS unh	TOT H	pH	TDS unh						
AVERAGE CONTROL LIMITS	—	—	500	30	1500	0								
SAMPLE														
Boiler	630	660	600	10	1800									
Condensate							8.6	15						
Feedwater						0								

B266 B-157 Ecomen

CHEMICAL USAGE

PRODUCT	BE	BA	RA											
CURRENT DAILY USAGE	3 scoops	8 QTS	3 QTS											
ADJUSTED DAILY USAGE	4 scoops	—	—											

BOILERS

STEAM PRODUCTION				
% BLOWDOWN				
FEEDWATER DEMAND				
% CONDENSATE RETURN				
SLUDGE COND. CONC.				

COOLING TOWERS

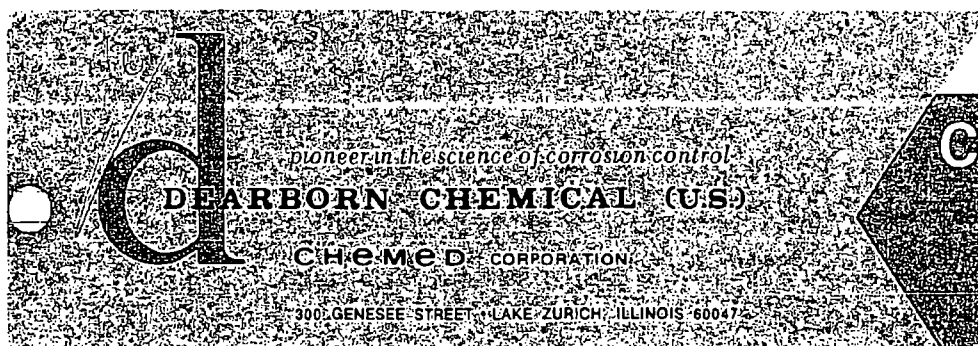
RECIRCULATION RATE			
Δ T			
EVAPORATION RATE			
CYCLES OF CONC.			
BLEED RATE			
MAKEUP RATE			

PRODUCT	INVENTORY PREVIOUS VISIT	INVENTORY RECEIVED	PRESENT INVENTORY	AMOUNT USED
B-266			300 #	
BA				
B-212			3/4-30 gal	

DISTRICT MANAGER COMMENTS:

Bob Dindon
 DEARBORN SERVICE ENGINEER



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COMMENTS ON EXISTING SYSTEM CONDITIONS:

Boiler is operating in good chemical balance and good
blowdown efficiency

Condensate pH is excellent

Feedwater hardness is zero, which indicates good softeners

ACTION REQUIRED:

Increase B-266 to bring up SO₂ level

Maintain same program

You need to order a bbl of D-157

Gray, John
John Gray